EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S17	1	"20050199184"	US-PGPUB; USPAT	OR	ON	2006/02/14 10:42
S18	24	("4138306" | "4563367" | "4910042" | "4913929" | "4988644" | "5000113" | "5158644" | "5346579" | "5350480" | "5403434" | "5662770" | "5688357" | "5770098" | "5792272" | "5812403" | "5844195" | "5942804" | "6039834" | "6060400" | "6125859" | "6148832" | "6170428" | "6182602" | "6217951").PN.	US-PGPUB; USPAT	OR	ON	2006/02/16 10:17
S19	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2006/02/14 16:22
S20	83019	(gas near3 (distribut$3 inject$3 manifold))	US-PGPUB; USPAT	OR	ON	2006/02/14 16:23
S21	121	S20 and (baffle and vane and hub)	US-PGPUB; USPAT	OR	ON	2006/02/14 17:16
S22	509	156/345.33.ccls. 156/345.34.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/14 17:12
S23	2924	118/715.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/14 17:16
S24	1	S23 and (baffle and vane and hub)	US-PGPUB; USPAT	OR	ON	2006/02/14 17:17
S25	8	S23 and (baffle and vane)	US-PGPUB; USPAT	OR	ON	2006/02/14 17:17
S26	503786	"118"/$.ccls. 156/345.$2.ccls. "216"/$.ccls. "427"/$.ccls. "438"/$.ccls. "204"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:08
S27	11183	S26 and (gas near3 (distribut$3 inject$3 manifold))	US-PGPUB; USPAT	OR	ON	2006/02/14 18:42
S28	1273	S27 and (baffle impeller)	US-PGPUB; USPAT	OR	ON	2006/02/14 18:10
S29	34	S27 and ((baffle impeller) same (blade vane))	US-PGPUB; USPAT	OR	ON	2006/02/14 18:41
S30	34	S27 and ((baffle impeller) same (blade vane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:42

S31	160565	(gas near3 (distribut$3 inject $3 manifold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:43
S32	1288	S31 and (baffle and vane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:44
S33	8	S32 and showerhead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:43
S34	1288	S31 and (baffle and vanes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:04
S35	61	S34 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:12
S36	82342	(showerhead or (shower adj head)) or (gas near2 (distribut $4 or dispers$4 diffuser$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:15
S37	5058	S36 and (vane ridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:16
S38	593	S37 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:17
S39	93	S37 and (118/715.ccls. 156/345.33.ccls. 156/345.34. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 20:11
S40	8	("3992137" | "4165963" | "4287673" | "5209402" | "5308989" | "5595602" | "6113700" | "6299436").PN. OR ("6663025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:55
S41	1	"5935337".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:56

S42	11	("4209357" | "4625678" | "5106453" | "5653806").PN. OR ("5935337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:56
S43	242	gas and baffle and vane	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S44	1	S43 and plasma	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S45	942670	showerhead or (shower head)	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S46	12	S45 and (gas and baffle and vane)	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:14
S47	3067	118/715.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:16
S48	1830	S47 and (gas and (diffuser disperser baffle distribut$4 inject$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:17
S49	115	S48 and (vane ridge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:18
S50	35	S49 not S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:18
S51	509	156/345.33.ccls. 156/345.34.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/15 10:06
S52	3067	118/715.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 10:06
S53	2860	S52 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 10:06
S54	19122	(Gas near2 distribut$4) and (hub conduit pipe inlet)	US-PGPUB; USPAT	OR	ON	2006/02/15 12:11
S55	1958	S54 and ("118"/$.ccls. 156/345.$2.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/15 12:01
S56	513	S55 and showerhead	US-PGPUB; USPAT	OR	ON	2006/02/15 12:02
S57	896	S55 and (showerhead (shower head))	US-PGPUB; USPAT	OR	ON	2006/02/15 12:02
S58	222	S57 and baffle	US-PGPUB; USPAT	OR	ON	2006/02/15 12:03
S59	99	(Gas near2 distribut$4) same hub	US-PGPUB; USPAT	OR	ON	2006/02/15 12:44
S60	540	(Gas near2 distribut$4) and (hub and (tube pipe conduit))	US-PGPUB; USPAT	OR	ON	2006/02/15 12:45
S61	79	S60 and ("118"/$.ccls. 156/345.$2.ccls. "427"/$.ccls. "438"/$.ccls. "216"/$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/15 13:06
S62	1	"20050026402"	US-PGPUB; USPAT	OR	ON	2006/02/15 13:06

S63	7231	(gas near2 (distribut$4 inject $4 introduc$4)) and (plural$4 same channel$3)	US-PGPUB; USPAT	OR	ON	2006/02/15 15:21
S64	503786	"118"/$.ccls. 156/345.$2.ccls. "216"/$.ccls. "427"/$.ccls. "438"/$.ccls. "204"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:21
S65	1359	S63 and S64	US-PGPUB; USPAT	OR	ON	2006/02/15 15:21
S66	71	S65 and (hub or (center near2 feed$3))	US-PGPUB; USPAT	OR	ON	2006/02/15 15:42
S67	12	S65 and ((hub or (center near2 feed$3)) same (plural $3 same channel$3))	US-PGPUB; USPAT	OR	ON	2006/02/15 15:44
S68	56	(laxman near2 murugesh).in. (padmanabhan near2 krishnaraj).in. (carl near2 dunham).in.	US-PGPUB; USPAT	OR	ON	2006/02/15 16:39
S69	2	"20040060657" "20040060661"	US-PGPUB; USPAT	OR	ON	2006/02/15 16:47
S70	5316	(applied near2 materials).as.	US-PGPUB; USPAT	OR	ON	2006/02/15 18:33
S71	161	S70 and ((gas near2 distribut $4) and baffle)	US-PGPUB; USPAT	OR	ON	2006/02/15 18:34
S72	1	S71 and vane	US-PGPUB; USPAT	OR	ON	2006/02/15 18:35
S73	213	S71 or S68	US-PGPUB; USPAT	OR	ON	2006/02/15 19:15
S74	0	"200500264021"	DERWENT	OR	ON	2006/02/15 19:16
S75	1	"20050026402"	DERWENT	OR	ON	2006/02/15 19:19
S76	1	2003-543066.NRAN.	DERWENT	OR	ON	2006/02/15 19:16
S77	2	"20050026402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:19
S78	283	jurgensen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:20
S79	32	(holger near2 jurgensen).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:20

S80	2	"6878206".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 08:46
S81	243	("20010000866" | "20010009140" | "20010011526" | "20010013312" | "20010014371" | "20010031562" | "20010034123" | "20010041250" | "20010042523" | "20010042799" | "20010054377" | "20020000196" | "20020007790" | "20020041931" | "20020052097" | "20020066411" | "20020073924" | "20020076481" | "20020076507" | "20020076508" | "20020086106" | "20020092471" | "20020094689" | "20020104481" | "20020108570" | "20020121241" | "20020121342" | "20020127745" | "20020134307" | "20020144655" | "20020144657" | "20020146511" | "20030004723" | "20030010451" | "20030022338" | "20030042630" | "20030053799" | "20030072913" | "20030075273" | "20030075925" | "20030079686" | "20030089308" | "20030101927" | "20030106490" | "20030113187" | "20030116087" | "20030121469" | "20030121608" | "20030140854" | "20030143328" | "20030143747" | "20030153177" | "20030172872" | "20030194493" |	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 10:13

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"4058430" | "4389973" |
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"5336324" | "5338362" |
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S82	1	"20040200412"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 10:13
S83	24	("4138306" | "4563367" | "4910042" | "4913929" | "4988644" | "5000113" | "5158644" | "5346579" | "5350480" | "5403434" | "5662770" | "5688357" | "5770098" | "5792272" | "5812403" | "5844195" | "5942804" | "6039834" | "6060400" | "6125859" | "6148832" | "6170428" | "6182602" | "6217951").PN.	US-PGPUB; USPAT	OR	ON	2006/02/16 10:17
S84	4	S83 and showerhead	US-PGPUB; USPAT	OR	ON	2006/02/16 10:17

S85	3115	118/715.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 12:35
S86	8	S85 and (gas and baffle and vane$2)	US-PGPUB; USPAT	OR	ON	2006/08/02 12:38
S87	36	S85 and (gas and baffle and (vane$2 blade$2 impeller))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:38
S88	28	S87 not S86	US-PGPUB; USPAT	OR	ON	2006/08/02 12:44
S89	56	S85 and ((baffle dispers$3 diffus$3 impeller) same (vane$2 blade$2 ridge$2))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:51
S90	41	S89 not S87	US-PGPUB; USPAT	OR	ON	2006/08/02 12:45
S91	2931	(baffle dispers$3 diffus$3 impeller) same ((vane$2 blade$2 ridge$2) same ((upper and lower) or both or (first and second)) near3 (surface$2 face$2 end$2))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:54
S92	134	S91 and (118/715-733 156/345.$2 "204"/$ "216"/$ "219"/$ "315"/$ "427"/$ "438"/$).ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 12:55
S93	127	S92 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2006/08/02 12:55
S94	125	S93 not S89	US-PGPUB; USPAT	OR	ON	2006/08/02 13:48
S95	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2006/08/02 13:48
S96	24	("4138306" | "4563367" | "4910042" | "4913929" | "4988644" | "5000113" | "5158644" | "5346579" | "5350480" | "5403434" | "5662770" | "5688357" | "5770098" | "5792272" | "5812403" | "5844195" | "5942804" | "6039834" | "6060400" | "6125859" | "6148832" | "6170428" | "6182602" | "6217951").PN.	US-PGPUB; USPAT	OR	ON	2007/05/04 11:22
S97	3738	156/345.33,345.34.ccls. 118/715.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S98	2868	S97 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S99	51	S98 and ((self adj clean$3) or ((in adj situ) near2 clean$3))	US-PGPUB; USPAT	OR	ON	2007/05/04 11:26
S100	16	("4709655" | "4999320" | "5203958" | "5308950" | "5542559" | "5679215" | "5698062" | "5900103" | "5997687" | "6035803").PN. OR ("6277235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 12:23

S101	42	S98 and ((baffle dispers$3 diffus$3 inject$3 distribut$3) with (vane$2 blade$2 fin$2 cam$2 curv.$5) with (clean$3 remov$4 reduc$4 prevent$3 scaveng$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:30
S102	140	maydan.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 12:47
S103	435	156/345.33.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S104	333	S103 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:34
S105	61	S104 and (gas with (vane$2 fin$2 blade$2 cam$2 curv$5))	US-PGPUB; USPAT	OR	ON	2007/05/04 12:54
S106	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2007/05/04 17:53
S107	31	("4282267" | "4433228" | "4576692" | "4738748" | "4818326" | "4831963" | "4863561" | "4867841" | "5002632" | "5010842" | "5084126" | "5158644" | "5282899" | "5312519" | "5356478" | "5382316" | "5389197" | "5413954" | "5449411" | "5637237" | "5772771" | "5976993" | "6085690").PN. OR ("6450117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:09
S108	36059	((baffle dispers$3 diffus$3 inject$3 distribut$3) with (vane$2 blade$2 fin$2 cam$2 curv$5) with ((self adj clean$3) or remov$4 or reduc$4 or prevent$3 or scaveng$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:33
S109	2819	S108 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:33
S110	48	((baffle dispers$3 diffus$3 inject$3 distribut$3) with (vane$2 blade$2 fin$2 cam$2 curv$5) with (self adj clean$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:36
S111	20	S110 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:37
S112	0	((baffle dispers$3 diffus$3 inject$3 distribut$3) with (vane$2 blade$2 fin$2 cam$2 curv$5) with ((in adj situ) adj clean$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:36
S113	864	((baffle dispers$3 diffus$3 inject$3 distribut$3) with (self adj clean$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:38

S114	594	S113 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:38
S115	49	S114 and plasma	US-PGPUB; USPAT	OR	ON	2007/05/04 14:37
S116	71	((baffle dispers$3 diffus$3 inject$3 distribut$3) with (self adj clean$3)) and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:38
S117	49	S116 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:53
S118	116	("4529474" | "4534816" | "4657616").PN. OR ("4960488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:53
S119	97	S118 and clean$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:55
S120	91	S119 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:55
S121	110	S118 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S122	43	S121 and (clean$3 near4 (self local$3 situ))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 15:05
S123	1	"5643394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:04
S124	1	"6899764".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:04
S125	5	("4450786" | "4961399" | "4976217" | "5788777" | "6342691").PN. OR ("6899764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:12
S126	792	(gas adj (distribut$3 inlet)) same (bypass near4 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:15
S127	477	S126 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S128	28	S97 and S127	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S129	1	"6132512".pn.	US-PGPUB; USPAT	OR	ON	2007/05/04 17:53
S130	432	156/345.33,3454.34.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/06 15:39
S131	236	S130 and clean$3	US-PGPUB; USPAT	OR	ON	2007/05/06 15:45
S132	179	S131 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/06 16:03
S133	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2007/05/06 16:03
S134	16	(gas near3 distribut$4) with ((self or (in adj situ)) adj clean $3)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:42
S135	13	S134 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:07

S136	332	((gas near3 (distribut$4 diffus $3 dispers$3 dispens$4)) near6 clean$3) and plasma	US-PGPUB; USPAT	OR	ON	2007/09/25 14:54
S137	266	S136 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:55
S138	26	((gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) near6 clean$3) with (vane$2 blade$2 arc$4)	US-PGPUB; USPAT	OR	ON	2007/09/25 14:57
S139	21	S138 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:59
S140	0	(gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) with ((self local$3) near3 clean $3) with (vane$2 blade$2 arc $4)	US-PGPUB; USPAT	OR	ON	2007/09/25 14:59
S141	58	(gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) with ((self local$3) near3 clean $3)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:17
S142	52	S141 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 17:53
S143	336	156/345.33.ccls. and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 15:08
S144	153	S143 and (vane$2 blade$2 angle$2 arcuate)	US-PGPUB; USPAT	OR	ON	2007/09/25 15:20
S145	86	S143 and ((vane$2 blade$2 angle$2 arcuate) and clean $3)	US-PGPUB; USPAT	OR	ON	2007/09/25 15:09
S146	67	S144 not S145	US-PGPUB; USPAT	OR	ON	2007/09/25 16:03
S147	310	(baffle with ((vane$2 blade$2 fan$2) near6 (dual double second two opposi$3))) same (chamber housing raector)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:05
S148	269	S147 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S149	781	(gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) same ((vane$2 blade$2 fan $2) near6 (dual double second two opposi$3))	US-PGPUB; USPAT	OR	ON	2007/09/25 16:18
S150	628	((gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) same ((vane$2 blade$2 fan $2) near6 (dual double second two opposi$3))) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:19

S151	282	((gas near3 (distribut$4 diffus $3 dispers$3 dispens$4 inlet)) with ((vane$2 blade$2 fan$2) near6 (dual double second two opposi$3))) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:31
S152	256	S151 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 16:19
S153	10	((gas near3 baffle) with ((vane $2 blade$2 fan$2) near6 (dual double second two opposi$3))) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:43
S154	773	((gas and (distribut$3 baffle dispers$3 dispens$4 diffus$4 inlet inject$3)) and ((vane$2 blade$2 fan$2) near6 (dual double second two opposi $3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S155	409	((gas and (distribut$3 baffle dispers$3 dispens$4 diffus$4 inlet inject$3)) same ((vane$2 blade$2 fan$2) near6 (dual double second two opposi $3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 16:45
S156	300	((gas with (distribut$3 baffle dispers$3 dispens$4 diffus$4 inlet inject$3)) same ((vane$2 blade$2 fan$2) near6 (dual double second two opposi $3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:06
S157	249	S156 and @ad< "20040309"	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S158	37	((gas with impeller) same ((vane$2 blade$2 fan$2) near6 (dual double second two opposi$3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:07
S159	364	S154 not S155	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S160	297	S159 and @ad< "20040309"	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:10
S161	21	(((double two) adj sided adj (impeller baffle)) same (vane $2 blade$2 fan$2)) and (chamber raector housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S162	11	S161 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 17:58
S163	1	"6663025".pn.	US-PGPUB; USPAT	OR	ON	2007/09/25 17:58

S164	8	("3992137" | "4165963" | "4287673" | "5209402" | "5308989" | "5595602" | "6113700" | "6299436").PN. OR ("6663025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 17:58
S165	3481	118/715.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S166	2616	S165 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:44
S167	0	S166 and (((double two) adj sided adj (impeller baffle)) same (vane$2 blade$2 fan$2)) and (chamber raector housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:24
S168	1	S166 and (((double two) near3 (impeller baffle)) same (vane$2 blade$2 fan$2)) and (chamber raector housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:24
S169	68	(gas near3 (distribut$4 baffle impeller diffus$3 dispens$3 disper$3 inject$3) with ((self or (in adj situ)) or local$3) adj clean$3)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:51
S170	58	S169 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:52
S171	2474	(gas near3 (distribut$4 baffle impeller diffus$3 dispens$3 disper$3 inject$3)) with (vane$2 blade$2 fan$2)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:53
S172	2147	S171 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:52
S173	16	S172 and (118/715 156/345.33).ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 08:49
S174	12	S172 and (118/716-733 156/345.$2).ccls.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:56
S175	13	S172 and ("216"/$ "315"/$ "438"/$).ccls.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:57
S176	2786	(118/715 156/345.33).ccls. and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:18
S177	20	S176 and (clean$3 with (blade$2 vane$2 fan$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:59
S178	2852	(clean$3 with gas with (blade$2 vane$2 fan$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 08:52
S179	1323	(clean$3 with gas with (blade$2 vane$2 fan$2))	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:52
S180	22	S179 and C23C 16/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:54
S181	7	S179 and C23F 01/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:55

S182	20	S179 and H01L 21/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:55
S183	2	S176 and ((gas adj inlet) same (clean$3 with (blade$2 vane$2 fan$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:00
S184	1	S176 and ((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with (clean$3 with (blade$2 vane $2 fan$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:17
S185	3	S176 and ((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) same (clean$3 with (blade$2 vane $2 fan$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:01
S186	67	S176 and ((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with (blade$2 vane$2 fan$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:02
S187	67	S176 and ((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with (blade$2 vane$2 fan$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:02
S188	336	(156/345.33).ccls. and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:08
S189	51	S188 and (blade$2 vane$2 fan $2)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:09
S190	62	S188 and ((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with clean $3)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:15
S191	3311	((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with (clean$3 with (blade$2 vane$2 fan $2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:17
S192	1223	((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with clean$3 with (blade$2 vane$2 fan$2)) same (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S193	1046	S192 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:32
S194	17	S192 and @ad<"20040309" and plasma	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S195	469	((impeller diffus$3 dispers$3 dispens$3 inlet inject$3 distribut$3) with clean$3 with (blade$2 vane$2)) same (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S196	420	S195 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07

S197	12	S176 and (((self adj clean$3) or ((in adj situ) near clean$3) or (local$4 near2 clean$3)) with (gas near5 flow$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:10
S198	20	(118/716-733.ccls. 156/345. $2.ccls.) and (((self adj clean $3) or ((in adj situ) near clean $3) or (local$4 near2 clean $3)) with (gas near5 flow$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07
S199	18	S198 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07
S200	2	S176 and (((self adj clean$3) or ((in adj situ) near clean$3) or (local$4 near2 clean$3)) with ((gas near3 flow$2) near7 (control$3 adjust$4)))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:11
S201	3	(118/716-733.ccls. 156/345. $2.ccls.) and (((self adj clean $3) or ((in adj situ) near clean $3) or (local$4 near2 clean $3)) with ((gas near3 flow$2) near7 (control$3 adjust$4)))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:12
S202	1	"6120605".pn.	US-PGPUB; USPAT	OR	ON	2007/09/26 10:39

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